

CANTY

PROCESS TECHNOLOGY

ProCAM™ Sanitary Process Camera

Stainless Steel NEMA 4X Construction



Ideal
for Visual
Inspection
and
Level Monitoring

FEATURES

- Built in LED light source - maintenance free
- Compact all-in-one design
- Sanitary 316L S.S. Housing
- Available in 24V DC, 120V AC, 230V AC
- Built in heater to prevent fog and condensation
- One-piece streamlined design
- System outputs via OPC or 4-20mA to a DCS or PLC for complete, closed-loop control
- Ideal system for Vessel Visual Inspection & Level Monitoring - Canty Vector Control Module (VCM) can output and control the Level fill
- Single use models also available

HOW IT WORKS

The CANTY ProCam™ is a process camera engineered and designed for sanitary applications. The ProCam™ combines the latest in LED lighting with Ethernet camera technology in a streamlined package. The camera utilizes built-in LED lights so no additional vessel lighting is required. The all-in-one design is both compact and sanitary. A built in heater eliminates condensation from forming on the glass and provides for a clear image at all times. Coupled with the Canty Vector Control Module, the ProCam™ can be used for full level control via OPC or 4-20mA.

Visual Inspection & Level Fill

The CANTY ProCam™ is uniquely qualified to view inside your Biotech vessels such as Media Prep and Buffer Hold tanks and provides a continual view with options for level control. The ProCam™ is an Ethernet based imaging system which connects to CANTY VCM for level control and vessel monitoring OR can operate as a stand alone IP based system for visual inspection only (connects through web browser/media player/plant surveillance. No additional software required).

SPECIFICATIONS

Power Req:	24V DC
Housings:	NEMA 4X Sanitary, IP 66, 316L S.S. construction
Wetted Materials:	Alloy C-276
Surface Finishes:	20uin Ra standard. Also available in 15uin Ra with electropolishing as an option.
Connection:	4" Tri-Clamp® / 4" NA-Connect®
Cabling Supplied:	8-Conductor 33 ft. [10 m] 24 AWG stranded/tinned quick connect Ethernet cord, 4-Conductor 19 ft. [6 m] 16 AWG stranded quick connect power cord.

APPLICATIONS

- BioTech Reactors, Buffer hold and Media prep
- Sterile Process Vessels
- Aseptic Tanks
- Sanitary Areas and Glove Boxes
- Portable Tanks
- Freeze Dryers

SANITARY DESIGN

All models feature 316L S.S. construction and are NEMA 4x Weatherproof rated. The ProCam™ features an integral LED light source and high speed Ethernet camera mounted in a compact chassis.

CANTY

JM Canty Inc
JM Canty Intl Ltd
JM Canty Asia

Buffalo, NY USA
Dublin, Ireland
Phuket, Thailand

Ph: (716) 625 4227
Ph: + 353 (01) 882 9621
Ph: + 66 83 9689548

Fax: (716) 625 4228
Fax: +353 (01) 882 9622

www.jmcanty.com

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ORDERING INFORMATION



HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

Ordering Information

EXAMPLE:

VPC- 5 E 6 2 _ G B M

ENVIRONMENTAL RATING

5 - NEMA 4x Weatherproof, IP66

CAMERA OPTION

E - Ethernet Video Color Camera
V - IP CAMERA (ONVIF PROFILE S)

LENS OPTION

6 - 41° (H) x 31° (V) x 50° (D)

*Larger view angles available.
Consult factory.

POWER OPTION

2 - User supplies 24V DC.
Consult factory for other voltage options

ALLOY C276 WETTED MATERIAL FINISH OPTIONS

B - 20uin Ra Mechanical
C - 15uin Ra Mechanical
M - 15uin Ra Electropolished

MOUNT SIZE OPTION

M - 4"

HEATER OPTION

B - ProCam™ with Integral Heater

MOUNT TYPE OPTION

G - Tri-Clamp® / NA-Connect®

**See Datasheet TA11500-1034 for Vector Control Module details.

*Canty reserves the right to upgrade from Stainless Steel to the Hastelloy family of materials at no additional charge.

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